

CLAIMS

- Sub A3 >
1. A printer module for a compact printer system comprising:  
an elongate body;  
a stationary printhead housed within said body,  
5 means for moving a printable media past said stationary printhead;  
an ink reservoir within said body and communicating with said printhead;  
means within said body for storing an image to be printed by said printhead; and  
means for transferring said image to said printhead;  
said printhead printing said image on substantially the full width of said printable  
10 media in a single pass.
  2. The printer module of claim 1 further comprising a controller, said controller  
controlling operation of said printer module.
  3. The printer module of claim 2 wherein said means for storing said image is  
flash memory associated with said controller.
  - 15 4. The printer module of claim 2 wherein said controller includes said means for  
transferring said image to said printhead.
  5. The printer module of claim 1 further comprising a sensor means detecting  
said printing media and activating said means for moving said printing media in  
response to said detection.
  - 20 6. The printer module of claim 1 further comprising a power source within said  
housing.
  7. The printer module of claim 1 further comprising at least one connector at an  
end of said body for connecting one or more further modules to said printer module  
and a bus providing power and data between said printer module and said one or more  
25 further modules.
  8. The printer module of claim 1 wherein the elongate body is substantially  
cylindrical.
  9. The printer module of claim 1 wherein the printhead is a monolithic drop-on-  
demand inkjet printer.
  - 30 10. The printer module of claim 1 wherein the means for moving printable media  
comprises a motive means driving one or more powered rollers adjacent one or more  
neutral rollers.
  11. The printer module of claim 10 wherein the motive means is an electric motor  
and gearbox.

12. The printer module of claim 2 wherein said controller incorporates image processing and quality assurance integrated circuits.

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